2020 Gen Post is a universal Computer Aided Manufacturing (CAM) post-processor application that generates CNC code for all machine types from one source—a part geometry file. 2020 Gen Post reads the part geometry file, and using a detailed machine definition, creates CNC programs that are optimized for both the part being machined and the machine being used.

**Benefits**

**Reduce production overhead**
Use a single application to generate CNC code for all machine types up to 3-1/2 axis, from the same source content.

**Realize equipment ROI**
Quickly implement new machines by converting existing CNC programs from older machines, even if they are from different manufacturers.

**Synchronize production**
Synchronize production across multiple independent or connected machines to produce an optimized production flow.

**Gain production agility**
Split machining across different machines without manual intervention and send accurate CNC programs where they are needed, when they are needed.

**Reduce errors**
Automatically generate CNC code thereby eliminating manual intervention and reducing errors.

**Enhance product innovation**
Enhance the product innovation process by automating machine integration for both standard and custom products.

---

Output CNC code to all machine brands, including:

- Accusystem
- Alberti
- Anderson
- Biesse
- Busellato
- CMS
- Heian
- IMA
- Koch
- Komo
- Morbidelli
- Northwood
- Onsrud
- SCM
- Shoda
- Thermwood
- Weeke

2020spaces.com/2020Insight
Flexible machine configuration
The highly-flexible machine configuration capability allows you to control tool assignment, machining sequences and split machining across different machines, all from a single input.

- Define machine characteristics such as table size, vacuum settings, limits, stops, spindles and tools
- Configure settings for part-specific rotation and orientation
- Configure processing settings like ramping, skinning and feed rates
- Define which types of machining to perform on any given machine

Detailed, graphic output
Configure image output to display details like operator instructions, part identification and quality assurance.

Features

Dynamically generate CNC code
Create CNC code for one or many CNC machines from one source. Take advantage of on-demand code generation for on-the-spot machining flexibility.

Define machine capabilities
Automatically split machining workload across multiple machines or machine families for a single part.

Reuse existing CAD data
2020 Gen Post recognizes many geometry inputs, allowing the reuse of existing Computer Aided Design (CAD) data, such as DXF, NCL, or existing CNC programs to create new code for any machine.

Support for all controllers
Supports proprietary machine controllers like Weeke, Biesse, SCM, as well as generic machine controllers like Fanuc, Siemens, Allen-Bradley and more.

Make modifications as needed
Maintain and modify CNC post processor functions in-house.

Communicate graphically
Eliminate misinterpretation with detailed image output that shows machine-specific and machine-generic CNC data.

Use 2020 Gen Post machining images on labels to guide machine operators.